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Gly Cys Trp Gly Pro Ser His Phe Gln Gln Ser Cys Leu Gln Ala Leu
     50                  55                  60

Glu Pro Gln Ala Val Ser Ser Tyr Leu Ser Pro Gly Ala Pro Leu Lys
 65                  70                  75                  80

Gly Arg Pro Pro Ser Pro Gly Phe Gln Arg Gln Arg Gln Arg Gln Arg
                 85                  90                  95

Arg Ala Ala Gly Gly Ile Leu His Leu Glu Leu Leu Val Ala Val Gly
             100                 105                 110

Pro Asp Val Phe Gln Ala His Gln Glu Asp Thr Glu Arg Tyr Val Leu
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Thr Asn Leu Asn Ile Gly Ala Glu Leu Leu Arg Asp Pro Ser Leu Gly
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Ala Gln Phe Arg Val His Leu Val Lys Met Val Ile Leu Thr Glu Pro
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Glu Gly Ala Pro Asn Ile Thr Ala Asn Leu Thr Ser Ser Leu Leu Ser
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Val Cys Gly Trp Ser Gln Thr Ile Asn Pro Glu Asp Asp Thr Asp Pro
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Gly His Ala Asp Leu Val Leu Tyr Ile Thr Arg Phe Asp Leu Glu Leu
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Pro Asp Gly Asn Arg Gln Val Arg Gly Val Thr Gln Leu Gly Gly Ala
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Cys Ser Pro Thr Trp Ser Cys Leu Ile Thr Glu Asp Thr Gly Phe Asp
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Ala Ser Asp Gly Ala Ala Pro Arg Ala Gly Leu Ala Trp Ser Pro Cys
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Ser Arg Arg Gln Leu Leu Ser Leu Leu Ser Ala Gly Arg Ala Arg Cys
        290   295   300

Val Trp Asp Pro Pro Arg Pro Gln Pro Gly Ser Ala Gly His Pro Pro
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Asp Ala Gln Pro Gly Leu Tyr Tyr Ser Ala Asn Glu Gln Cys Arg Val
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Ala Phe Gly Pro Lys Ala Val Ala Cys Thr Phe Ala Arg Glu His Leu
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Asp Met Cys Gln Ala Leu Ser Cys His Thr Asp Pro Leu Asp Gln Ser
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Ser Cys Ser Arg Leu Leu Val Pro Leu Leu Asp Gly Thr Glu Cys Gly
        370   375   380

Val Glu Lys Trp Cys Ser Lys Gly Arg Cys Arg Ser Leu Val Glu Leu
385   390   395   400

Thr Pro Ile Ala Ala Val His Gly Arg Trp Ser Ser Trp Gly Pro Arg
                405   410   415

Ser Pro Cys Ser Arg Ser Cys Gly Gly Gly Val Val Thr Arg Arg Arg
                420   425   430

Gln Cys Asn Asn Pro Arg Pro Ala Phe Gly Gly Arg Ala Cys Val Gly
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Ala Asp Leu Gln Ala Glu Met Cys Asn Thr Gln Ala Cys Glu Lys Thr
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Gln Leu Glu Phe Met Ser Gln Gln Cys Ala Arg Thr Asp Gly Gln Pro
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Leu Arg Ser Ser Pro Gly Gly Ala Ser Phe Tyr His Trp Gly Ala Ala

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Val Pro His Ser Gln Gly Asp Ala Leu Cys Arg His Met Cys Arg Ala
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Ile Gly Glu Ser Phe Ile Met Lys Arg Gly Asp Ser Phe Leu Asp Gly
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Thr Arg Cys Met Pro Ser Gly Pro Arg Glu Asp Gly Thr Leu Ser Leu
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Cys Val Ser Gly Ser Cys Arg Thr Phe Gly Cys Asp Gly Arg Met Asp
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Thr Cys Ser Pro Arg Lys Gly Ser Phe Thr Ala Gly Arg Ala Arg Glu
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Tyr Val Thr Phe Leu Thr Val Thr Pro Asn Leu Thr Ser Val Tyr Ile
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Ala Asn His Arg Pro Leu Phe Thr His Leu Ala Val Arg Ile Gly Gly
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Arg Tyr Val Val Ala Gly Lys Met Ser Ile Ser Pro Asn Thr Thr Tyr
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Pro Ser Leu Leu Glu Asp Gly Arg Val Glu Tyr Arg Val Ala Leu Thr
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Glu Asp Arg Leu Pro Arg Leu Glu Glu Ile Arg Ile Trp Gly Pro Leu
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Gln Glu Asp Ala Asp Ile Gln Val Tyr Arg Arg Tyr Gly Glu Glu Tyr
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Gly Asn Leu Thr Arg Pro Asp Ile Thr Phe Thr Tyr Phe Gln Pro Lys
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Pro Arg Gln Ala Trp Val Trp Ala Ala Val Arg Gly Pro Cys Ser Val
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Ser Cys Gly Ala Gly Leu Arg Trp Val Asn Tyr Ser Cys Leu Asp Gln
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Ala Arg Lys Glu Leu Val Glu Thr Val Gln Cys Gln Gly Ser Gln Gln

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Pro Pro Ala Trp Pro Glu Ala Cys Val Leu Glu Pro Cys Pro Pro Tyr
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Trp Ala Val Gly Asp Phe Gly Pro Cys Ser Ala Ser Cys Gly Gly Gly
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Lys Thr Leu Pro Pro Ala Arg Cys Arg Ala Gly Ala Gln Gln Pro Ala
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Val Ala Leu Glu Thr Cys Asn Pro Gln Pro Cys Pro Ala Arg Trp Glu
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Val Ser Glu Pro Ser Ser Cys Thr Ser Ala Gly Gly Ala Gly Leu Ala
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Leu Glu Asn Glu Thr Cys Val Pro Gly Ala Asp Gly Leu Glu Ala Pro
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Val Thr Glu Gly Pro Gly Ser Val Asp Glu Lys Leu Pro Ala Pro Glu
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Pro Cys Val Gly Met Ser Cys Pro Pro Gly Trp Gly His Leu Asp Ala
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Thr Ser Ala Gly Glu Lys Ala Pro Ser Pro Trp Gly Ser Ile Arg Thr
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Gly Ala Gln Ala Ala His Val Trp Thr Pro Ala Ala Gly Ser Cys Ser
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Val Ser Cys Gly Arg Gly Leu Met Glu Leu Arg Phe Leu Cys Met Asp
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Ser Ala Leu Arg Val Pro Val Gln Glu Glu Leu Cys Gly Leu Ala Ser
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Lys Pro Gly Ser Arg Arg Glu Val Cys Gln Ala Val Pro Cys Pro Ala
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Arg Trp Gln Tyr Lys Leu Ala Ala Cys Ser Val Ser Cys Gly Arg Gly
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Val Val Arg Arg Ile Leu Tyr Cys Ala Arg Ala His Gly Glu Asp Asp

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Gly Glu Glu Ile Leu Leu Asp Thr Gln Cys Gln Gly Leu Pro Arg Pro
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Glu Pro Gln Glu Ala Cys Ser Leu Glu Pro Cys Pro Pro Arg Trp Lys
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Val Met Ser Leu Gly Pro Cys Ser Ala Ser Cys Gly Leu Gly Thr Ala
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Arg Arg Ser Val Ala Cys Val Gln Leu Asp Gln Gly Gln Asp Val Glu
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Val Asp Glu Ala Ala Cys Ala Ala Leu Val Arg Pro Glu Ala Ser Val
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Pro Cys Leu Ile Ala Asp Cys Thr Tyr Arg Trp His Val Gly Thr Trp
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Met Glu Cys Ser Val Ser Cys Gly Asp Gly Ile Gln Arg Arg Arg Asp
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Gln His Leu Pro Lys Pro Val Thr Val Arg Gly Cys Trp Ala Gly Pro
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Cys Val Gly Gln Gly Thr Pro Ser Leu Val Pro His Glu Glu Ala Ala
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Ala Pro Gly Arg Thr Thr Ala Thr Pro Ala Gly Ala Cys Gly Arg Gln
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His Leu Glu Pro Thr Gly Thr Ile Asp Met Arg Gly Pro Gly Gln Ala
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Asp Cys Ala Val Ala Ile Gly Arg Pro Leu Gly Glu Val Val Thr Leu
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Arg Val Leu Glu Ser Ser Leu Asn Cys Ser Ala Gly Asp Met Leu Leu
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Leu Trp Gly Arg Leu Thr Trp Arg Lys Met Cys Arg Lys Leu Leu Asp
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Met Thr Phe Ser Ser Lys Thr Asn Thr Leu Val Val Arg Gln Arg Cys

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Gly Arg Pro Gly Gly Gly Val Leu Leu Arg Tyr Gly Ser Gln Leu Ala
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Gly Cys Arg Leu Phe Ile Asn Val Ala Pro His Ala Arg Ile Ala Ile
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His Ala Leu Ala Thr Asn Met Gly Ala Gly Thr Glu Gly Ala Asn Ala
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